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OM protein - protein search, using sw model

Run on: November 30, 2002, 12:35:43 ; Search time 8 Seconds
(without alignments)
1001.234 Million cell updates/sec

Title: US-10-025-514-8

Perfect score: 2675

Sequence: 1 MSGSFRAGVCPKKSQAQL.....IEQNTKSPLEMGKVNPTQK 503

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 102317 seqs, 15924203 residues

Total number of hits satisfying chosen parameters: 102317

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published_Applications_AA:*
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2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pap.*
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13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pap.*
14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pap.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1738	65.0	363	10	US-09-755-665-58
2	785	29.3	414	10	US-09-755-665-14
3	785	29.3	414	10	US-09-755-665-55
4	785	29.3	414	10	US-09-755-665-56
5	765	28.6	435	9	US-09-912-628-5
6	761	28.4	361	10	US-09-755-665-57
7	759.5	28.7	417	12	US-10-052-586-452
8	635	23.7	132	10	US-09-865-812-2
9	547.5	20.5	444	9	US-09-992-598-410
10	547.5	20.5	444	10	US-09-989-722-410
11	547.5	20.5	444	10	US-09-989-723-410
12	547.5	20.5	444	10	US-09-989-279-410
13	547.5	20.5	444	10	US-09-989-727-410
14	547.5	20.5	444	10	US-09-989-731-410
15	547.5	20.5	444	10	US-09-989-732-410
16	547.5	20.5	444	10	US-09-991-073-410
17	547.5	20.5	444	10	US-09-990-442-410
18	547.5	20.5	444	10	US-09-991-163-410
19	547.5	20.5	444	10	US-09-993-604-410

20	547.5	20.5	444	10	US-09-990-456-410	Sequence 410, App
21	547.5	20.5	444	10	US-09-989-721-410	Sequence 410, App
22	492.5	18.4	311	9	US-09-912-628-6	Sequence 6, Appl
23	488.5	18.3	459	10	US-09-925-300-1440	Sequence 1440, Ap
24	479	17.9	510	10	US-09-902-684-4	Sequence 4, Appl
25	470.5	17.6	410	9	US-09-925-302-486	Sequence 486, App
26	464	17.3	410	10	US-09-987-021-3	Sequence 3, Appl
27	464	17.3	410	10	US-09-957-485-3	Sequence 3, Appl
28	463.5	17.3	374	9	US-09-974-298-95	Sequence 95, Appl
29	462	17.3	405	10	US-09-902-684-13	Sequence 13, Appl
30	461.5	17.3	392	10	US-09-902-684-2	Sequence 2, Appl
31	460	17.2	410	9	US-09-987-021-2	Sequence 2, Appl
32	460	17.2	410	10	US-09-957-485-2	Sequence 2, Appl
33	459	17.2	391	10	US-09-735-705-110	Sequence 110, App
34	459	17.2	391	10	US-09-850-716A-110	Sequence 110, App
35	459	17.2	391	10	US-09-897-778-110	Sequence 110, App
36	457.5	17.1	400	10	US-09-735-705-112	Sequence 112, App
37	457.5	17.1	400	10	US-09-850-716A-112	Sequence 112, App
38	457.5	17.1	400	10	US-09-897-778-112	Sequence 112, App
39	451	16.9	402	9	US-09-987-021-4	Sequence 4, Appl
40	451	16.9	402	10	US-09-957-485-4	Sequence 4, Appl
41	448.5	16.8	437	10	US-09-925-301-1200	Sequence 1200, Ap
42	441.5	16.5	402	10	US-09-902-684-3	Sequence 3, Appl
43	438.5	16.4	377	10	US-09-910-430-27	Sequence 27, Appl
44	429	16.0	216	10	US-09-864-761-34205	Sequence 34205, A
45	427	16.0	465	9	US-09-987-021-6	Sequence 6, Appl

ALIGNMENTS

RESULT 1
US-09-755-665-58
; Sequence 58, Application US/09755665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tallon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09/755, 665
; CURRENT FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 58
; LENGTH: 363
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-755-665-58

Query Match 65.0%; Score 1738; DB 10; Length 363;
Best Local Similarity 92.3%; Pred. No. 7.4e-127;
Matches 33; Conservative 19; Mismatches 9; Indels 0; Gaps 0;

Qy 141 EFASFYRLQAHOSNSTNIFSPVSIATAFAMLSLGTADTHDEIEGLNFNLTPEAQ 200
Db 1 EFASFYRLQAHOSNSTNIFSPVSIATAFAMLSLGTADTHDEIEGLNFNLTPEAQ 60
Qy 201 IHEGFQELLTLNQPDSQLQTTGNGLFSEGLKLVKDFEEDVKLYHSEAFVNFQDTE 260
Db 61 VHEGFQELLTLNKPDSQLQTTGNGLFSEGLKLVKDFEEDVKLYHSEAFVNFQDTE 120
Qy 261 EAKQIINDYVEKGTQGVIVDLVKELORDTVFALVNYIFFKGKWERPFEVKDTEEDFHD 320
Db 121 EAKQIINDYVEKGTQGVIVDLVKELORDTVFALVNYIFFKGKWERPFEVKDTEEDFHD 180
Qy 321 QVTTVKVPMKRLGMFNIQHCKKLSWVLMKYLGNATAIFFLPDEGLQHLNELTHDI 380

Mon Dec 9 12:51:02 2002

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Db 181 QATTVKVPMRRLGKFNIIYHCEKLSNVLLMKYLGNTAIFFLPDQGLQHLNELTHDI 240
Qy 381 ITKFLNEDRRSASLHLPKLSITGYDLKSVLGOLGTTKVFNSGADLSGVTEAPLKSK 440
Db 241 ITKFLNENRRSASLHLPKLSITGYDLKSVLGOLGTTKVFNSGADLSGVTEAPLKSK 300
Qy 441 AVHKAVLTIDEKGTGAAGAMFLEAIPMSIPPEVKFNKPFVFLMEQNTKSPFLFMGKVNP 500
Db 301 AVHKAVLTIDEKGTGAAGAMFLEAIPMSIPPEVKFNKPFVFLMEQNTKSPFLFMGKVNP 360
Qy 501 TQK 503
Db 361 TQK 363

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RESULT 2
US-09-755-665-14
; Sequence 14, Application US/09755665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09/755,665
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 414
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-755-665-14

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Query Match 29.3%; Score 785; DB 10; Length 414;
Best Local Similarity 42.7%; Pred. No. 3.le-53;
Matches 155; Conservative 73; Mismatches 133; Indels 2; Gaps 1;

Qy 141 EFAPSLYROLAQHSNSTNIFSPVSIATAFAMLSLGTADTHDLEGLNLFNLTPEAQ 200
Db 54 DLGFKLLKLAFLNPGRNIFLSPLSISTAFSMLCLGAQDSTLDEIKQGFNR--KMPEKD 111
Qy 201 IHEGFQELLRTLNQPDLSQGLTNGFLSEGLKLVKDFLEDVKKLYHSEAFVTFNGDTE 260
Db 112 LHGEFHYIIHELTKQTLKLSIGNTLFIDRLQPKRKFLEDAKNFYSAETILTNTFONLE 171
Qy 261 EAKKOINDYVEKGTQKIVDLVKELDRDTVFALVNYIFFKGGKWERPEVKDTEEDFHYD 320
Db 172 MAQKOINDFISQKTHGKINNLNIENIDPCTVMLLANYIFFRARKWHEFDPNVTKEEDFLE 231
Qy 321 QVTVKVPMMKRLGMFNIHQCKLSVLLMKYLGNTAIFFLPDQGLQHLNELTHDI 380
Db 232 KNSSVKVPMMFRSGIYQVGYDDKLSCTILEIPYQKNITAFILPDEGKLHLEKGLQVDT 291
Qy 381 ITKFLNEDRRSASLHLPKLSITGYDLKSVLGOLGTTKVFNSGADLSGVTEAPLKSK 440
Db 292 FSRWKTLLSRVVDVSVPRLHMTGTFDLKTLSYIGVSKIFEHGDLTAKIAPHRSLKVG 351
Qy 441 AVHKAVLTIDEKGTGAAGAMFLEAIPMSIPPEVKFNKPFVFLMEQNTKSPFLFMGKVNP 500
Db 352 AVHKAVLTIDEKGTGAAGAMFLEAIPMSIPPEVKFNKPFVFLMEQNTKSPFLFMGKVNP 411
Qy 501 TQK 503
Db 412 ICK 414

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RESULT 3
US-09-755-665-55
; Sequence 55, Application US/09755665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09/755,665
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 414
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-755-665-55

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Query Match 29.3%; Score 785; DB 10; Length 414;
Best Local Similarity 42.7%; Pred. No. 3.le-53;
Matches 155; Conservative 73; Mismatches 133; Indels 2; Gaps 1;

Qy 141 EFAPSLYROLAQHSNSTNIFSPVSIATAFAMLSLGTADTHDLEGLNLFNLTPEAQ 200
Db 54 DLGFKLLKLAFLNPGRNIFLSPLSISTAFSMLCLGAQDSTLDEIKQGFNR--KMPEKD 111
Qy 201 IHEGFQELLRTLNQPDLSQGLTNGFLSEGLKLVKDFLEDVKKLYHSEAFVTFNGDTE 260
Db 112 LHGEFHYIIHELTKQTLKLSIGNTLFIDRLQPKRKFLEDAKNFYSAETILTNTFONLE 171
Qy 261 EAKKOINDYVEKGTQKIVDLVKELDRDTVFALVNYIFFKGGKWERPEVKDTEEDFHYD 320
Db 172 MAQKOINDFISQKTHGKINNLNIENIDPCTVMLLANYIFFRARKWHEFDPNVTKEEDFLE 231
Qy 321 QVTVKVPMMKRLGMFNIHQCKLSVLLMKYLGNTAIFFLPDQGLQHLNELTHDI 380
Db 232 KNSSVKVPMMFRSGIYQVGYDDKLSCTILEIPYQKNITAFILPDEGKLHLEKGLQVDT 291
Qy 381 ITKFLNEDRRSASLHLPKLSITGYDLKSVLGOLGTTKVFNSGADLSGVTEAPLKSK 440
Db 292 FSRWKTLLSRVVDVSVPRLHMTGTFDLKTLSYIGVSKIFEHGDLTAKIAPHRSLKVG 351
Qy 441 AVHKAVLTIDEKGTGAAGAMFLEAIPMSIPPEVKFNKPFVFLMEQNTKSPFLFMGKVNP 500
Db 352 AVHKAVLTIDEKGTGAAGAMFLEAIPMSIPPEVKFNKPFVFLMEQNTKSPFLFMGKVNP 411
Qy 501 TQK 503
Db 412 ICK 414

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RESULT 4
US-09-755-665-56
; Sequence 56, Application US/09755665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09/755,665

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; CURRENT FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 56
; LENGTH: 414
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-755-665-56

Query Match 29.3%; Score 785; DB 10; Length 414;
Best Local Similarity 42.7%; Pred. No. 3.1e-53;
Matches 155; Conservative 73; Mismatches 133; Indels 2; Gaps 1;

QY 141 EFAPSLYROLAHSNSTNFFSPVSIATAFAMLSLGTADTHDEILEGNLNLFEIPEAQ 200
DB 54 DLGFKLLKLAFLYNGRNFPLSLSTAFSLMCLGAQDSTLDEIKOGFNFR--KMPEKD 111
QY 201 IHGFOELLRTLNQDSQLOLTGNGLSLSEGLKLVDFLEDVKKLYHSEAFVNFQDTE 260
DB 112 LHEGFYIIHETLTKQTDKLSIGNTLFDQRLQPORFLEDAKNFSAETILTNOFLE 171
QY 261 EAKQINDVVEKGTQKIVDLVKELDRDTVFALVNYIFFKQKWRPFVFKDTEEDPHVD 320
DB 172 MAQKQINDFISQTHKINNLTENIDPGTVMLLANYIFFRARKHEDPNVTKEDFFLE 231
QY 321 QVTVKVPMMKRLGMFNHCHCKLSSWLLMKYLGNNATAIFFLPDEGKLQHLENLTHDI 380
DB 232 KNSVVKVPMFSGIYQVYDDKLSCTLEIPYQKNITAIFFLPDEGKLHLEKGLQVDT 291
QY 381 YTKFLENEDRRSASLHLPKLSITGYDLKSVLGQITKVFNSGADLSGVTEEAFLKSK 440
DB 292 FSRWATLLSRVVDVSPRLHMTGTFDLKTLTSVIGSVKIFEERHGDITKAPHRSKVG 351
QY 441 AVHKAVLTIDEKGTAAAGAMFLAIPMSIPEYKFNKPFVFLMEQNTKSPFMKGKVVNP 500
DB 352 AVHKAELKMDERGTEGAAGTGAQTLPMETPLVWKIDRPYLLIYSEKIPSVLFLGKIVNP 411
QY 501 TQK 503
DB 412 ICK 414

RESULT 5
US-09-912-628-5
; Sequence 5, Application US/09913628
; Patent No. US20020160491A1
; GENERAL INFORMATION:
; APPLICANT: N1 et al.
; TITLE OF INVENTION: Human Serpin Polynucleotides, Polypeptides, and Antibodies
; CURRENT APPLICATION NUMBER: US/09/912,628
; CURRENT FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: PCT/US01/02484
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/178,769
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: PCT/US00/05082
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 435
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-912-628-5

Query Match 28.6%; Score 765; DB 9; Length 435;
Best Local Similarity 39.1%; Pred. No. 1.1e-51;
Matches 171; Conservative 83; Mismatches 153; Indels 30; Gaps 7;

QY 85 GCKRDLKC-----CMGCGK-SCVSPVKAMED-PQGDAQAQKTDTSHHDDQHP 130

DB 9 GTCK-DIEGCKMASLYLVGLFVGLCAPYCVSPANAFSAIYPRPSSTKSTPAS----- 60
QY 131 TFNKITPNLAEPFSLYROLAHSNSTNFFSPVSIATAFAMLSLGTADTHDEILEGN 190
DB 61 ---QVYSLNTDFAFLYRLVLETPSQNIFFSPVSVSTSLAMLSLGAHSVTKTQILOGLG 117
QY 191 FNLTEIPEAQIHGFOELLRTLNQDSQLOLTGNGLSLSEGLKLVDFLEDVKKLYHSE 250
DB 118 FNLTHTPESAIHQGFQHLVHSLTVPSKDLTKMGSALEFVKKELQLOANFLGNVRLYEAE 177
QY 251 AFTVNGDTEAAKQINDVVEKGTQKIVDLVKELDRDTVFALVNYIFFKQKWRPFVFK 310
DB 178 VFSTDFSNPSIAQARINSHVKKTKQKVVDIIQGLDLTAMVNLHNIFFAKWKEKPEHPE 237
QY 311 DTEEE-DFHVDQVTVKVPMMKRLGMFNHCHCKLSSWLLMKYLGNNATAIFFLPDSEGL 369
DB 238 YTRKNFFFLVGGQVTVHVPMMHQKEQAFGVDTLNCFCVLMQDYKGDVAVFAFFVLPSKGM 297
QY 370 QHLENLTHDIITKFLNEDRRSASLHLPKLSITGYDLKSVLGQITKVFNSGADLSG 429
DB 298 ROLEQALSARTLRKWSHSLQKRWIEVFIPRESISASYNLETILPKMGIQNVDFKNADFSG 357
QY 430 VTEEAFLKSKAVHKAFLTIDEKGTAAAGAMFLAIPMSIPP-----EVKFNKPFVFLMIE 485
DB 358 IAKRDLQSVKATHKAVLDVSEEGTEATAATTKFIVRSKDGPSYFTVSPNRTFLMMITN 417
QY 486 QNTKSPFMKGKVVNPQ 502
DB 418 KATDGIILGKVENPTK 434

RESULT 6
US-09-755-665-57
; Sequence 57, Application US/09755665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tallon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09/755,665
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 57
; LENGTH: 361
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)..(361)
; OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the
; OTHER INFORMATION: specification
US-09-755-665-57

Query Match 28.4%; Score 761; DB 10; Length 361;
Best Local Similarity 41.6%; Pred. No. 1.8e-51;
Matches 151; Conservative 72; Mismatches 138; Indels 2; Gaps 1;

QY 141 EFAPSLYROLAHSNSTNFFSPVSIATAFAMLSLGTADTHDEILEGNLNLFEIPEAQ 200
DB 1 DLGFKLLKLAFLYNGRNFPLSLSTAFSLMCLGAQDSTLDEIKOGFNFR--KMPEKD 58
QY 201 IHGFOELLRTLNQDSQLOLTGNGLSLSEGLKLVDFLEDVKKLYHSEAFVNFQDTE 260
DB 59 LHEGFYIIHETLTKQTDKLSIGNTLFDQRLQPORFLEDAKNFSAETILTNOFLE 118

Mon Dec 9 12:51:02 2002

QY 261 EAKQINDYVEKGTQKIDVLKELDRDTVFALVNIFFKQKWERPFVKDTEEDFHDV 320
Db 119 MAQKQINDFISQTHGKINNLINIDPGIVMLLANVIFFRARWKHEFDPNVTKEDDFLE 178
QY 321 QVTVKVPMMKIGMNIQHCKLSWLLMKYLGNAITFLPDGKLOHLENELTHDI 380
Db 179 KNSSVKVPMMFRSGIYQVGDYDKLSCTILEIPYQKNITAITFLPDGKLOHLENELTHDI 238
QY 381 ITFLENEDESRASLHLPKLSITGTVDLKSVLGOLGITKVFNSGADLSGVTEEAPLKSLK 440
Db 239 FSWKTKLLSRVVDVSVPLHMTGTEDLAKTISYIGVSKIPFEGHGLTKIAPHRSILKVE 298
QY 441 AVHKAVLTIDEKGEAAGAMLEAIPMSIPPEVKFNKPVFVLMIEONTKSPFLPMKVNP 500
Db 299 AVHKAELKMDERXXXXXXXPLMETPLVVKIDKPYLLIYSEKIPSVLFLGKIVNP 358
QY 501 TQK 503
Db 359 IGK 361
RESULT 7
US-10-052-586-452
; Sequence 452, Application US/10052586
; Patent No. US20020127584A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C1
; CURRENT FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: US/10/052,586
; CURRENT FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059266
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063120
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063121
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063486
; PRIOR FILING DATE: 1997-10-21
; PRIOR APPLICATION NUMBER: 60/063540
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063541
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063544
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063564
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063734
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063870
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066120
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066466
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069335
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069425
; PRIOR FILING DATE: 1997-12-12
; PRIOR APPLICATION NUMBER: 60/069870
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/068017
; PRIOR FILING DATE: 1997-12-18
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; Patent No. US20020160384A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC20
; CURRENT APPLICATION NUMBER: US/09/992,598
; CURRENT FILING DATE: 2001-11-14
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;; PRIOR FILING DATE: 1998-07-07
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; Patent No. US20020072067A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
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; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
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RRIOR	FILING DATE:	1998-07-07
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Query Match          20.5%  Score 547.5;  DB 10;  Length 444;
Best Local Similarity 32.2%, Pred. No. 7.2e-35;
Matches 129; Conservative 87; Mismatches 180; Indels 5; Gaps 5;

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RESULT 11
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; Sequence 410, Application US/09989723
; Patent No. US20020072092A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
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; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
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; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; CURRENT APPLICATION NUMBER: US/09/989,723
; CURRENT FILING DATE: 2001-11-19
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; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 20.5%; Score 547.5; DB 10; Length 444;
Best Local Similarity 32.2%; Pred. No. 7.2e-35;
Matches 129; Conservative 87; Mismatches 180; Indels 5; Gaps 5;

Qy 104 SPVKAMEDPOGDAAKTDTSHDDQDHPFNKIPNLAFAFSLYRQLAHOSNSTNIFSP 163
Db 44 APREEDEQEASEEKEGAWLMASROQLAKETSNFGFSLLRKISMRHDG-NMVFSP 102

Qy 164 VSIATAFAMLSLGTADTHDEILEGLNPN-LTEIPEAQIHGFOELLRTLNQDLSQLT 222
Db 103 FGMSLAMTGLMGATGPTETQIKRGLHLQALKPTKPLLSLFGRLRETSR-NLEGLS 161

Qy 223 TNGGLFLSEGLKLVKLEVDVKLYHSEAFVNFGEDEEAKQINDYVEKGTQGIYDLV 282
Db 162 QGSEFAFIHKDFDKETFPNLSKRYFDTCEVPMFNFNASQAKRLNHYINKETCKIPKLF 221

Qy 283 KELDRDTVFALVNYIFFKQKWERPEVKDTEEDFHDVQVTVKVPMMKRLGMNIHQCK 342
Db 222 DEINPETKLLVDYILFKGKWLTPDPVPTEVDTFHLDKYKTIKVPMMYGAKFASTFDK 281

Qy 343 KLSSVLLMKYLGNAITAFPLPDE-GKLOHLENELTHDIITKLENEDERRSASLHLPKLS 401
Db 282 NFRCHVLKPYQGNATMLVLMKMGDHLALEDYITDOLVTLNMTKRNWVFFPKFK 341

Qy 402 ITGTYDLKSVLGOLGITKVFNSGADLSGVTEA-PLKLSKAVHRAVLIDKGTFAAGAM 460
Db 342 LQOKYEMHELLRQMGIRRFSPFADLSSELSATGRNLQVSRVLRTVIEWDERGTEAVAGI 401

Qy 461 FLEAIPMSIPPEVKFNKPFVFLMIEONTKSPLEFMGKVVNPT 501
Db 402 LSEITAYSMPPIKVDPRPFHMIYEETSGMLLFLGRVVNPT 442

RESULT 12
US-09-989-279-410
; Sequence 410, Application US/09989279
; Patent No. US20020072496A1
; GENERAL INFORMATION:
; APPLICANT: ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC56
CURRENT APPLICATION NUMBER: US/09/989,279
PRIOR FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/065186
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PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24

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APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
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APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C65
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
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PRIOR FILING DATE: 1998-06-04

Query Match 32.2%; Score 547.5; DB 10; Length 444;
Best Local Similarity 30.2%; Pred. No. 7.2e-35;
Matches 129; Conservative 87; Mismatches 180; Indels 5; Gaps 5;

104 SPVKMEDPGDGAQKTDSTSHDQDHTNKNTPNLAFAFSLYRLOLAHQSNSTNFFSP 163
44 APREEDEQEADEKAGEEKAWLMSRQOLAKETSNFGSLLRKLSMRHOG-NMVFSF 102
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402 ITGTVDLKSVLGQIGIKVFNAGDLSCVTEEA-PLKLSAVHKAVALTIDKGTGAAGAM 460
342 LDQKYMHELLROMGIRIFSPFADLSLSATGRNLQVSRVLRITVIEDRGTEAVAGI 401
461 FLEAIPMSIPPEVKFNKPFVFLMEQNTKSPFLMGKVVNPT 501
402 LSEITAYSPVPVIVKDRPFHFWIYETSGMLLFLGRVNP 442

RESULT 13
US-09-989-727-410
Sequence 410, Application US/09989727
Patent No. US20020072497A1
GENERAL INFORMATION:

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50	PRIOR FILING DATE: 1998-06-26
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53	PRIOR APPLICATION NUMBER: 60/091478
54	PRIOR FILING DATE: 1998-07-02
55	PRIOR APPLICATION NUMBER: 60/091544
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62	PRIOR FILING DATE: 1998-07-02
63	PRIOR APPLICATION NUMBER: 60/091978
64	PRIOR FILING DATE: 1998-07-07
65	PRIOR APPLICATION NUMBER: 60/091982
66	PRIOR FILING DATE: 1998-07-07
67	PRIOR APPLICATION NUMBER: 60/092182
68	PRIOR FILING DATE: 1998-07-09

Qy	104	SPVKAMEDPDGQAQAKTDTSHDDQDHPFNKTIPTNPAEFAFSLYROLAHQSNSTNIEFFSP	163
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Qy	164	VSIAATAFAMLSLGTAKADHDEILLEGNFN-LTEIPEAQIHIEGQEBELLRTLNQDPSOLQLT	222
Db	103	FGMSLAWTGLMIGATGTETQIKRGLHLQALKPTKPGLLPSLPKGLURETISR-NLELGLS	161
Qy	223	TGNGLFISEGLKLVKDFLEDVKKLYHSEATVNFQDPTDEEAKKOINDYVEKGTQGTVDLV	282
Db	162	QGSFAFTHKDFDKVETEFNLSKRYFDTECPMFMFRNASQAKRLMNHYNKTKGKIPKLF	221
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Db	222	DEINPETKLILVDYILFKGKWLTPDPVFTEVDTHLDKYKTIKVPMMYGAGKFASTFK	281
Qy	343	KLSSWVLMMKYLGNATAIFPLPDB-GKQLHLENELTHDITKTKLENEDDRASLHLPLKLS	401
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Db	342	LQKYEMHELLRQMGRIIRISPFADSELSATGRNLOVSRVLRRTVIEVDERTGAVAGI	401
Qy	461	FLEAIPMSIPPEVKFNKPPFVFLMIEQNTKSPLEFMGKVNPNT	501
Db	402	LSEITAYSMPPVIVKDRPFHEMIYEETSGMLLFLGRVNPNT	442
RESULT 15			
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; Sequence 410, Application US/09989732			
; Patent No. US20020123463A1			
; GENERAL INFORMATION:			
; APPLICANT: Ashkenazi, Avi J.			
; APPLICANT: Baker, Kevin P.			
; APPLICANT: Botstein, David			
; APPLICANT: Desnoyers, Luc			
; APPLICANT: Eaton, Dan L.			
; APPLICANT: Ferrara, Napoleone			
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; APPLICANT: Watanabe, Colin K.			
; APPLICANT: Williams, P. Mickey			
; APPLICANT: Wood, William I.			
; APPLICANT: Zhang, Zemin			
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic			
; FILE OF INVENTION: Acids Encoding the Same			
; FILE REFERENCE: P2730PIC57			
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